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## Hexapod Herald- Volume 23 Number 2 February 2011

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# Hexapod Herald

Volume 23

February 2011

Number 2

## WELCOME

New Distance Masters Students:

Summer 2011 - **Natalie Greynolds**, Yuma, AZ

Fall 2011 - **Jennifer Cassell**, El Centro, CA; **Koa Rudiger**, San Diego, CA; **Chris Tankersley**, Simi Valley, CA

**Dr. Crébio José Ávila** has joined the Entomology Department as a Visiting Scientist and for the next year will be working with **Drs. Lance Meinke** and **Nick Miller**. From Mato Grosso do Sul, Brazil, Dr. Ávila has worked for the agricultural research company, EMBRAPA, for 21 years conducting research in integrated pest management, especially working with soybean, corn, and wheat crops. He received his bachelors degree in agronomy in 1984 and his masters degree in agronomy in 1987 from the Universidade Federal de Viçosa, UFV, Viçosa, Brazil. He received his doctoral degree in entomology in 1999 from the Universidade de São Paulo, USP, São Paulo, Brazil. Dr. Ávila is joined by his wife, Maria, and their children, Matheus (12) and Maria (9). Dr. Ávila adds that although they are newcomers to Nebraska, they are very much enjoying Lincoln.



## CONGRATULATIONS

**Dr. Brett Ratcliffe** has been elected as a Fellow (Honorary Member) of the Coleopterists Society in recognition of 45 years of dedication to the discipline. This is the highest award given by the Society and was presented at the joint meeting of the Coleopterists Society and Entomological Society of America meetings in San Diego last December.

**Marilyn Weidner** was awarded honorary membership in Gamma Sigma Delta, the honor society of agriculture, in recognition of her significant contribution to the Nebraska chapter. The award was announced at the Nebraska chapter's awards banquet, January 30, 2011.

**Dr. Shripat Kamble** and his wife, Linda, are the proud grandparents of a new grandson, Frank Theodore Fendrick. Frankie was born on January 10, 2011 to Bill and Praise (Kamble) Fendrick. He was 21  $\frac{3}{4}$  inches long and weighed in at 11 lbs., 1 oz. No, that is not a misprint – Frankie was a BIG boy!



## PUBLICATIONS

**Brosius, Tierney R., Leon G. Higley, and Thomas E. Hunt.** 2010. Biotic and Abiotic Influences on Within-Plant Distribution of Soybean Aphid (Hemiptera: Aphididae: *Aphis glycines*.) Journal of the Kansas Entomological Society, 83(4):273-282.

**Pierson, L.M., T.M. Heng-Moss, T.E. Hunt,** and J. Reese. 2011. Physiological responses of resistant and susceptible reproductive stage soybean to soybean aphid (*Aphis glycines* Matsumura) feeding. Arthropod-Plant Interactions 5:49-58.

**Stamm, M.D., Baxendale, F.P., Heng-Moss, T.M., Siegfried, B.D.,** Blankenship, E.E. & Gaussoin, R.E. 2011. Dose-Response Relationships of Clothianidin, Imidacloprid, and Thiamethoxam to *Blissus occiduus* (Hemiptera: Blissidae). *Journal of Economic Entomology*, 104(1):205-210.

**Striman B., A. Fujikawa, L. Barksdale, and D.O. Carter.** 2011. Alteration of expired bloodstain patterns by *Calliphora vicina* and *Lucilia sericata* (Diptera: Calliphoridae) through ingestion and deposition of artifacts. *Journal of Forensic Sciences* 56:S123-S127.

**Spomer, Neil A.,** Mark A. Coffelt, **Shripat T. Kamble,** and Clay W. Scherer. 2011. Movement of Chlorantraniliprole and Indoxcarb Termiticides in Sandy Loam and Silty Clay Loam Soil Columns Used Again Subterranean Termites. *Sociobiology*. 57(1): 201-213.

**Whipple, Sean D., Mathew L. Brust, W. Wyatt Hoback,** and Kerri M. Farnsworth-Hoback. 2010. Sweep Sampling Capture Rates for Rangeland Grasshoppers (Orthoptera: Acrididae) Vary During Morning Hours. *Journal of Orthoptera Research* 19(1):75-80.

## G R A N T S

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### Jeffrey Bradshaw

- Nebraska Dry Bean Commission ..... \$5,000  
     *"Insect resistance for dry edible beans"*
- Western Sugar Cooperative..... \$15,000  
     *"Characterization of resistance and economic evaluation of Roundup Ready varieties against sugarbeet root aphids"*

### Jeffrey Bradshaw/Bob Harveson/Gary Hergert

- Nebraska Dry Bean Commission ..... \$11,000  
     *"Disease and insects from residue in dry beans"*

### Shripat Kamble

- Valent BioScience ..... \$12,000  
     *"Ant Research"*
- DuPont Corp. .... \$37,700  
     *"Termite Research"*

### Nicholas Miller

- USDA-ARS ..... \$73,848  
     *"Detecting genetic variation in Lepidoptera"*

The Entomology Department has received two awards from Dow AgroSciences. The ACES Council Leadership Challenge award in the amount of \$3,000 will be used for outside speakers for seminars. The Insect Science Student Excellence Fund, in the amount of \$1,000, will be used for travel expenses to professional meetings for insect science majors. **Dr. Blair Siegfried** applied for the funds on behalf of the Department.

## F A C U L T Y N E W S

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**Dr. Ousmane Youm** has a new appointment as Assistant Professor of Practice and IANR International Programs Coordinator. He has a .30 FTE with the Entomology Department teaching approximately two on-line courses per year, a .50 FTE with CASNR coordinating the CASNR Study Abroad Program, and a .20 FTE with International Programs. Dr. Youm previously served as Visiting Faculty/Affiliate Professor and Research Professor at UNL from 2009-2010. Before joining UNL, he worked from 1990-2008 within centers of the Consultative Group on International Agricultural Research (CGIAR). He served as Assistant Director of Research and Program Leader at the Africa Rice Center (formerly WARDA). Dr. Youm received his B.S. in Natural Sciences at the University Cheikh Anta Diop (UCAD) in 1980 and his M.S. (1984) and Ph.D (1990) in Agricultural Entomology at Texas A&M University.



# *STUDENT NEWS*

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**Amy Maile** received a \$500 award from the David H. & Anne E. Larrick Memorial Travel Fund and also a travel support award from the Swenk Fund to attend the American Academy of Forensic Science in Chicago, IL, February 21-26, 2011.

**Lizette Dahlgren, Kate Kneeland, Julianne Matczyszyn, Wayne Ohnesorg, Bamphitlhi (Banks) Tiroesele, and Zixiao Zhao** received travel support awards from the Swenk Fund to attend the Entomological Society of America (ESA) North Central Branch meeting March 13-16, 2011, in Minneapolis, MN.

**Difabachew Belay Kondidie** received a \$500 award from the David H. & Anne E. Larrick Memorial Travel Fund to attend the ESA North Central Branch meeting.

**Sean Whipple** was awarded a \$250 Presidential Travel Scholarship from the ESA North Central Branch to attend the North Central Branch meeting.

**Gabrielle Cooper** and **Katie O'Brien** (both insect science majors) have joined **Dr. Nick Miller's** lab and will be helping develop new techniques to detect genetic variation in insects. Gabrielle is looking at the effect of tomato plant defenses on Colorado potato beetles.



## *TRAVEL*

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**Dr. Jeff Bradshaw** presented talks at Crop Production Clinics in North Platte and Gering January 6-7, 2011. He was an invited speaker at the Montana/Wyoming Sugarbeet Growers meeting in Billings, MT, January 12-15, and gave presentations at the Western Sugarbeet Colorado Growers meetings in Greeley and Sterling, CO on January 20, and in Alliance and Gering, NE on January 21. Jeff attended the Western Sugarbeet Joint Research Committee meeting in Casper, WY January 24-25, and the High Plains Ag Lab Advisory Board Meeting in Sidney, NE on February 3, 2011.

**Drs. John Foster** and **Ousmane Youm** traveled to Accra, Ghana December 11-18, 2010 to follow up on the Africa High Education Initiative. Both visited the University of Ghana-Legon, (UGL) the Forum for Agricultural Research in Africa, (FARA) the Ministry of Education, and the United States Agency for International Development (USAID) in Accra. The visit was to fine-tune the joint project with these partners and to hold the first (video) teleconference between FARA, UGL, and UNL.

## *MEETING/WORKSHOP NEWS*

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The University of Nebraska will offer beginning beekeeping workshops on March 19, 2011 in Nebraska City and March 26, 2011 in Concord. The Nebraska City workshop will be held at the Kimmel Education and Research Center. The Concord workshop will be held at the Northeast Research and Extension Center, Haskell Ag Laboratory. Both workshops will be from 9:00 AM to 5:00 PM. Registration is \$30 per person and includes lunch and a workbook. Additional family members can register for \$10 which includes lunch, but no workbook. A field day for participants in both workshops is also scheduled for April 16, 2011 at the University of Nebraska Agricultural Research and Development Center near Mead, Nebraska from 10:00 AM to 2:00 PM. Preregistration is required for both workshops. Send registrations to: Jeri Cunningham, University of Nebraska, Department of Entomology, 202

Entomology Hall, Lincoln, NE 68583-0816. If you have questions or need more information contact Jeri at 402-472-8678 or [jcunning@unlnotes.unl.edu](mailto:jcunning@unlnotes.unl.edu).

The 19<sup>th</sup> Annual Urban Pest Management Conference was held February 7-8, 2011, in Lincoln, NE. The conference had an all-time high of 158 registrations, along with 20 exhibitors. A total of 60 topics were presented by 29 speakers, some known nationally and internationally. Pest Management Professionals (PMPs) received recertification in four categories: 1) Structural Pest Control, 2) Wood Destroying Organisms, 3) Public Health Pest Control, and 4) Fumigation – Food Processing and Grain Fumigation. Many thanks to registrants, exhibitors, speakers, moderators, and helpers.

## ***PHREC NEWS***

The Panhandle Research and Extension Center now has two full-time technicians – Susan Harvey and Rick Patrick - with Kyle Koch as a temporary technician/intern. The “Bradshaw Entomology Lab” has started a blog - <http://panhandlepests.blogspot.com>

The PHREC is currently maintaining a thriving Mexican bean beetle colony. Anyone interested in eggs, larvae, or adults, please contact **Dr. Jeff Bradshaw**.

### *Calendar of Events*

#### **March 1, 2011**

- Entomology Seminar – Kentaro Miwa, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

#### **March 8, 2011**

- Entomology Seminar – Lizette Dahlgren, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

#### **March 15, 2011**

- Entomology Seminar – Wan Zaki Wan Mamat, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

#### **March 19, 2011**

- Beginning Beekeeping Workshop, Kimmel Education and Research Center,  
Nebraska City, 9:00 a.m.- 5:00 p.m.

#### **March 20-27, 2011**

- Spring Vacation (UNL offices are open Monday through Friday)

#### **March 26, 2011**

- Beginning Beekeeping Workshop, Northeast Research and Extension Center,  
Haskell Agricultural Laboratory, Concord, 9:00 a.m.- 5:00 p.m.

#### **March 28, 2011**

- Entomology Department Meeting, 2:30 p.m., ENTO 214

#### **March 29, 2011**

- Entomology Seminar – Justin McMechan, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

#### **April 5, 2011**

- Entomology Seminar – Chelsea Piitz, Entomology Graduate Student  
4:00 p.m., Nebraska East Union

#### **April 12, 2011**

- Entomology Seminar – Julianne Matczynsyn, Entomology Graduate Student  
4:00 p.m., Nebraska East Union